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RCA MR27310 USER MANUAL

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RCA

Television User's Guide

Changing Entertainment. Again.

Please read this manual before operating this product for the first time.

TOCOM 15695640

Models: MR27310 & MR29310

WARNING

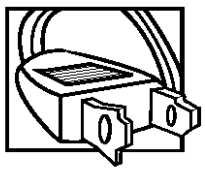
To reduce the risk of fire or electric shock, do not expose this TV to rain or moisture.

WARNING
RISK OF ELECTRIC SHOCK
DO NOT OPEN

To reduce the risk of electric shock, do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.

This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.

This symbol indicates important instructions accompanying the product.



Caution: To prevent electric shock, match wide blade of plug to wide slot, fully insert.

Power Consumption: 120V ~ 60 Hz A.C.
125 W (models MR27310 and MR29310)

If fixed (non-moving) images are left on the screen for long periods, they may be permanently imprinted on the picture tube. Such images include network logos, phone numbers, and video games. This damage is not covered by your warranty. Extended viewing of channels displaying these images should be avoided.

Cable TV Installer: This reminder is provided to call your attention to Article 820-40 of the National Electrical Code which provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building as close to the point of cable entry as practical.

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Connections & Setup

Chapter Overview:

- Things to Consider Before You Connect
- Choose Your Connection
- The Front of Your TV
- Put Batteries in the Remote
- How to Use the Remote Control to Complete the Interactive Setup
- Buttons on the Remote Control

NOTE: Illustrations are for representation only. Your product and on-screen displays might differ.

Changing Entertainment. Again.

Things to Consider Before You Connect

Protect Against Power Surges

- Connect all components before you plug any of their power cords into the wall outlet.
- Turn off the TV and/or component before you connect or disconnect any cables.
- Make sure all antennas and cables are properly grounded. Refer to the Important Safeguards sheet packed with your TV.

Protect Components from Overheating

- Don't block ventilation holes on any of the components. Arrange the components so that air can circulate freely.
- Don't stack components.
- When you place components in a stand, make sure you allow adequate ventilation.
- If you connect an audio receiver or amplifier, place it on the top shelf so the heated air from it won't flow around other components.

Position Cables Properly to Avoid Audio Interference

- Insert each cable firmly into the designated jack.
- If you place components above the TV, route all cables down the side of the back of the TV instead of straight down the middle of the back of the TV.
- If your antenna uses 300-ohm twin lead cables, do not coil the cables. Also, keep the twin lead cables away from audio/video cables.

Important Stand and Base Safety Information

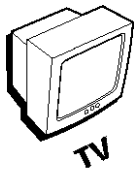
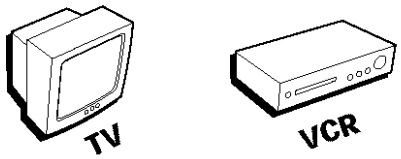
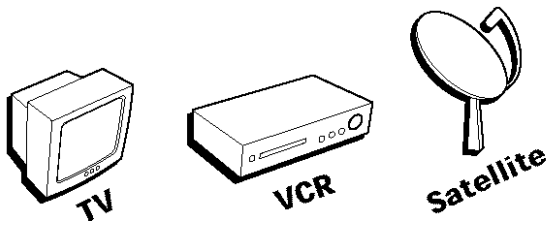
Choose the location for your TV carefully. Place the TV on a stand or base that is of adequate size and strength to prevent the TV from being accidentally tipped over, pushed off, or pulled off. This could cause personal injury and/or damage the TV. Refer to the Important Safeguards sheet packed with your TV.

Use Indirect Light

Don't place the TV where sunlight or room lighting will be directed toward the screen. Use soft or indirect lighting.

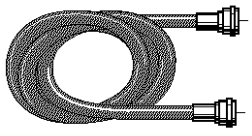
Choose Your Connection

There are several ways to connect your TV. Please use the following chart to determine which connection is best for you. Proceed to the appropriate page and connect your TV.

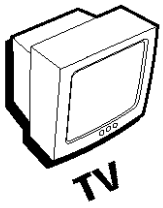
Components	Cables Needed	Connection Title	Go to...
	1 Coaxial	TV Only	page 6
	2 Coaxial	TV + VCR	page 7
	4 Coaxial	TV + VCR + Satellite Receiver	page 8

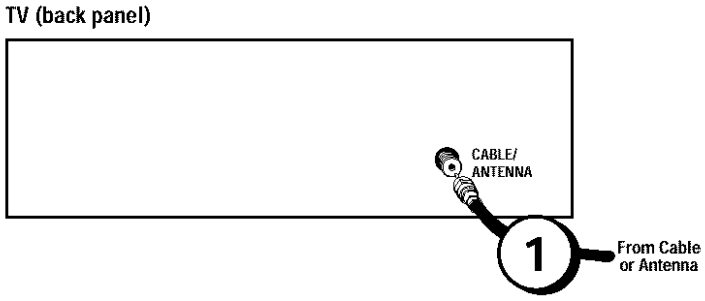
Cables Needed to Connect Components to Your TV

You will need coaxial cables for the connections represented in this book.



Coaxial cable



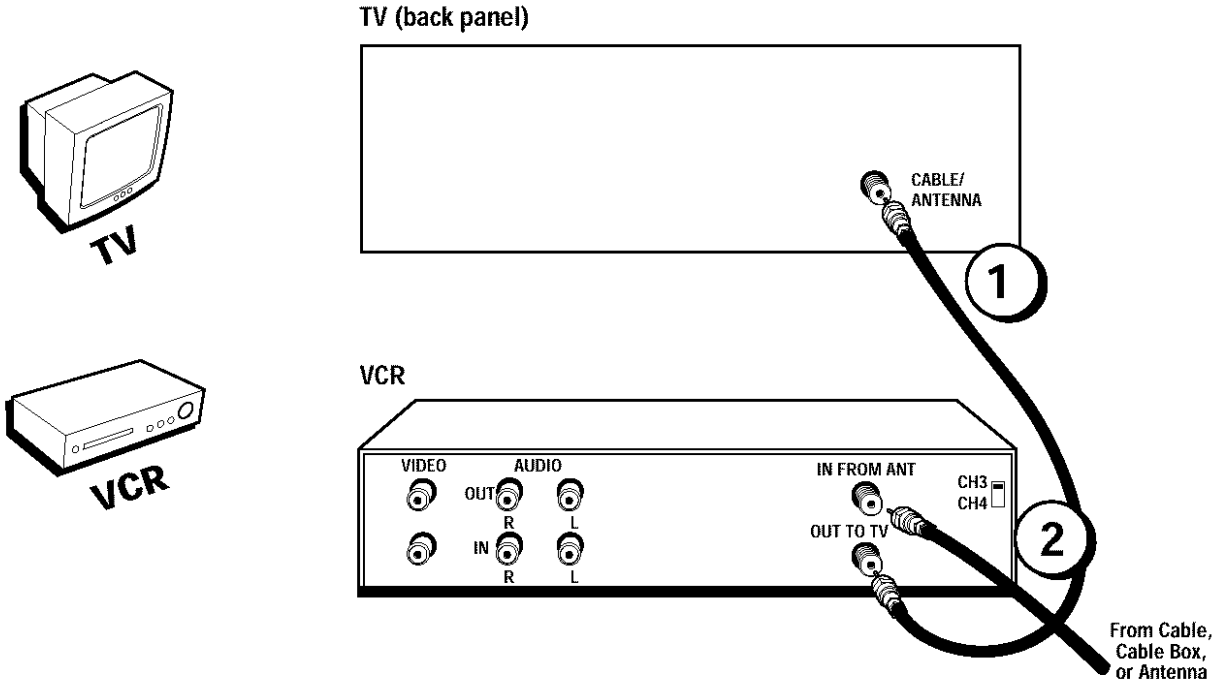


Connection: TV Only

1. **Connect the TV to your cable or antenna**

   Connect the coaxial cable from your cable or antenna to the CABLE/ANTENNA jack on the back of your TV.

Go to page 10



Connection: TV + VCR

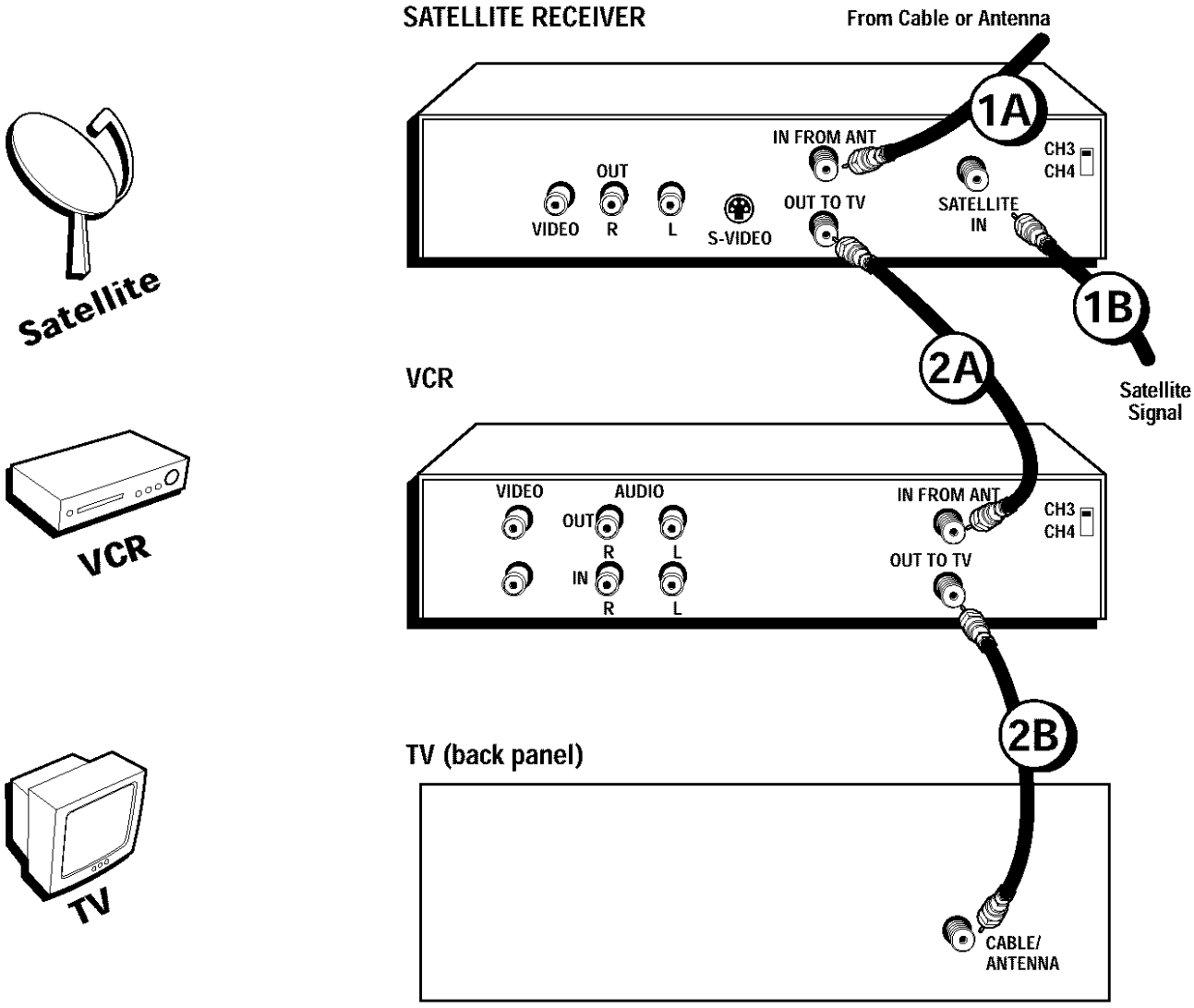
1. **Connect your TV to your VCR**

   Connect a coaxial cable to the CABLE/ANTENNA jack on your TV and to the Output Jack on your VCR (sometimes labeled OUT TO TV).

2. **Connect cable or antenna to your VCR**

   Connect the coaxial cable from your cable outlet, cable box, or antenna to the Input Jack on your VCR (sometimes labeled IN FROM ANTENNA or IN FROM ANT).

Go to page 10



Connection: TV + VCR + Satellite Receiver

1. **Connect coaxial cables to the Satellite Receiver**

   A. Connect the coaxial cable from your cable outlet, cable box, or antenna to the Input Jack on your satellite receiver (sometimes labeled IN FROM ANT).

   B. Connect the coaxial cable from your satellite dish antenna to the Input Jack on your satellite receiver (sometimes labeled SATELLITE IN).

2. **Connect the Satellite Receiver to the VCR and to the TV**

   A. Connect a coaxial cable to the Output Jack (sometimes labeled OUT TO TV) on the satellite receiver and to the Input Jack on the VCR (sometimes labeled IN FROM ANT).

   B. Connect a coaxial cable to the Output Jack on the VCR (sometimes labeled OUT TO TV) and to the CABLE/ANTENNA jack on the TV.

Go to page 10

The Front of Your TV

Front Panel

If you cannot locate your remote you can use the buttons of your TV to operate many of the TV's features.

MENU Brings up the Main menu. When in the menu system, it selects highlighted items. Also returns you to the previous menu.

CH v Scans down through the current channel list. When you're using the TV's menu system, it acts like the arrow down button on the remote control.

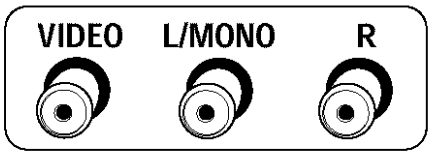
CH ^ Scans up through the channel list. When you're using the TV's menu system, it acts like the arrow up button on the remote control.

VOL – Decreases the volume. When you're using the TV's menu system, it acts like the left arrow button on the remote control.

VOL + Increases the volume. When you're using the TV's menu system, it acts like the right arrow button on the remote control.

POWER Turns the TV on and off.

Front Panel Jacks



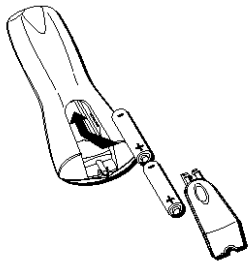
You can access the component you connected by pressing the INPUT button on your remote (FRNT appears on the screen).

VIDEO (in) Allows you to connect a component such as a VCR, camcorder or Internet access device.

L/MONO (left audio) and R (right audio) Receives audio signals from another component such as a VCR, camcorder or Internet access device.

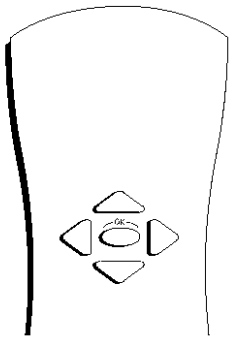
Plug in the TV

Plug the end of the power cord into the wall outlet. Match the wide blade of the plug with the wide slot in the outlet. Insert the plug completely into the outlet.



Put Batteries in the Remote

1. Remove the battery compartment cover on the remote.
2. Insert new batteries. Match the polarities (+ and -) on the batteries with the diagram on the remote.
3. Put the battery compartment cover back on the remote.



Use the arrow buttons and the OK button to move through the menu system.

How to Use the Remote Control to Complete the Interactive Setup

The technical term is "Navigation" – how you move through the on-screen menus. The theory is the same throughout the menu screens: highlight your choice and select it.

To highlight a menu item, press the arrow buttons on the remote to highlight one of the items listed on the screen. Use the up or down arrow button to move up or down. Use the right or left arrow button to move right or left.

To select the item that you've highlighted, press OK.

> ***Note:*** *Highlighted means that the menu item stands out from other menu items on the list (appears darker, brighter, or a different color).*

Turn on the TV

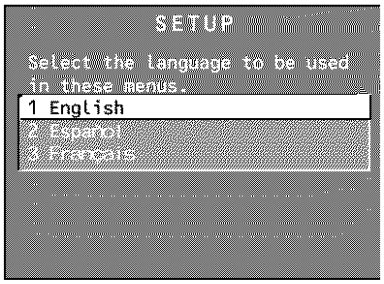
Press the POWER button on the remote control or the TV (the first screen of the Interactive Setup appears). The menu screens "time out" after a period of time if you don't make a selection. The tips in this section tell you how to access the Setup menu screens manually.

Complete the Interactive Setup

Tip

To access the setup menus manually, press MENU and choose Setup.

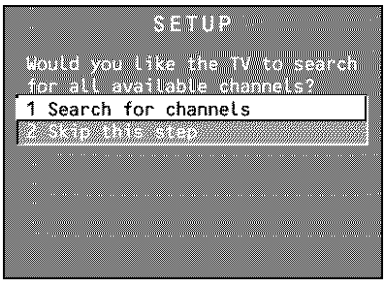
The menu system in your TV allows the TV's features to work properly. In this book, we call it the "interactive setup" because the TV asks you questions, you answer, and the TV makes the appropriate adjustments. The first time you turn on your TV, the setup screens appear automatically.



Set the Menu Language

The first part of the *SETUP* asks you to select your preferred language for the menu system.

1. Highlight your preferred language for the menu system.
2. Press OK to select that language.

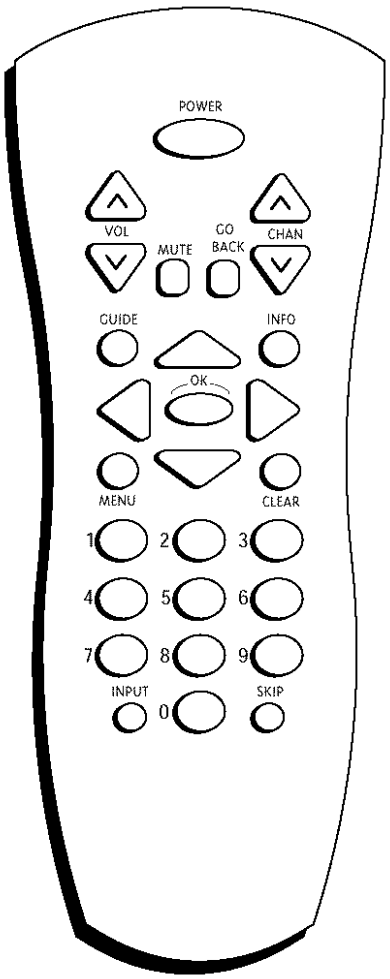


Complete Auto Channel Search

The next part of the *SETUP* asks you if you want the TV to search for all channels viewable through your antenna or cable TV system. This is sometimes called "auto programming."

1. Press OK to tell the TV to begin searching for channels. A progress report appears on the screen.
2. When the screen on the TV tells you the search is complete, press OK.

   Note: *If you skip Auto Channel Search now, you can access it later through the Channel menu. See Chapter 3 for more details.*



The Buttons on the Remote Control

0-9 (Number buttons) Enter channel numbers and time settings directly through the remote control.

To enter a two-digit channel, press the two digits. To enter a three-digit channel, press and hold the first digit for two seconds until two dashes appear to the right of the number, then add the second two. Example: to tune to channel 123, press and hold 1 for two seconds, press 2, then press 3.

Arrow buttons (up, down, left, right) Press the arrow buttons to move through the on-screen menu system.

CHAN (up and down) buttons Scan up or down through the current channel list. Press once to change the channel up or down; press and hold to continue changing channels.

CLEAR Removes any menu or display from the screen and returns you to TV viewing.

GO BACK Returns you to the previous channel.

GUIDE This button is for a feature that is not available on the MR27310 or MR29310.

INFO Displays channel information.

INPUT Changes your TV to its video input channel. The Video Input Channel is the channel your TV must tune to in order for you to access a component that's connected to your TV's VIDEO IN and AUDIO IN jacks. Example: to view a tape from your camcorder, connect the camcorder to the TV's AUDIO and VIDEO jacks with the audio/video cables.

MENU Displays the TV's Main menu.

MUTE Lowers the volume to its minimum level. Press again to restore volume.

OK When a menu is on the screen, press OK to select the item that is highlighted.

POWER Turns the TV on and off.

SKIP If you press this button before you change the channel, the TV waits 30 seconds and automatically goes back to the original channel. Each time you press SKIP, you add 30 seconds (i.e, if you press SKIP two times before you change the channel, the TV waits 60 seconds and automatically turns back to the original channel).

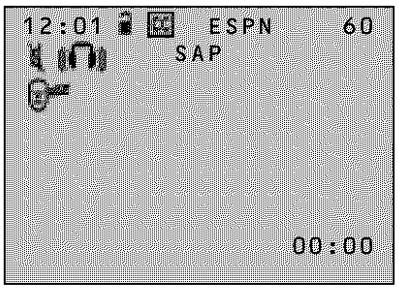
VOL (up and down) buttons Decrease or increase the TV's volume.

Using the TV's Features

Chapter Overview:

- The Channel Banner
- Parental Controls and V-Chip

NOTE: Illustrations are for representation only. Your product and on-screen displays might differ.

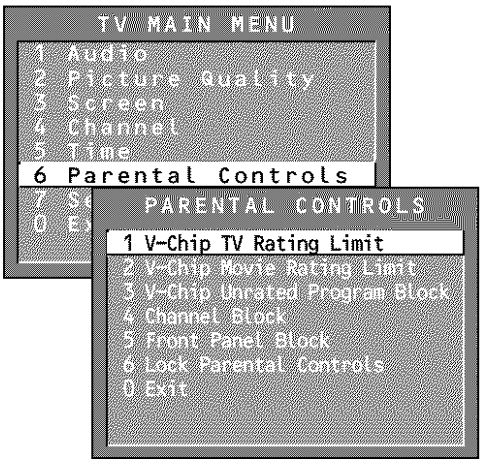


Sample displays on a Channel Banner.

Channel Banner

There are several indicators that might appear when you press the TV or INFO buttons on the remote. This display is called the Channel Banner. The following list describes the items on the Channel Banner screen (left to right and top to bottom).

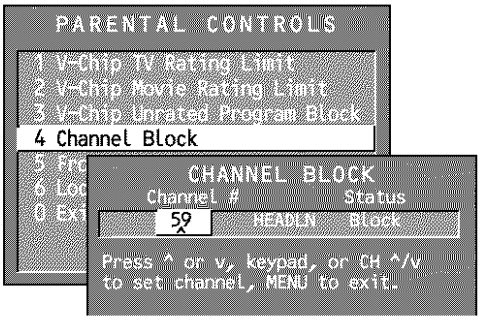
12:01	Displays the current time.
	The lock is displayed to indicate when Parental Controls are locked or unlocked.
	Displayed when Closed Captioning is available on the current channel.
ESPN	Displays the label assigned to the current channel.
60	Displays the current channel or input channel (FRNT).
	Mute is displayed when you mute the audio.
	Stereo is displayed when the current channel is broadcasting in Stereo.
SAP	Displayed when the current channel is broadcasting SAP (Second Audio Program) information.
	Displayed when the Sleep Timer has been set.
00:00	Displayed to count down time left on the commercial skip (SKIP) timer.



Parental Controls and V-Chip

The *Parental Controls* menu allows you to program your TV so that children cannot see certain programs, channels, or use the front panel controls.
The first three choices in the *Parental Controls* menu involve software inside your TV (referred to as V-Chip). These three V-Chip functions may not work on your TV because the features depend upon special additions to the broadcast signal, which may not be available in your market. Please disregard these three V-Chip functions (by default, the software inside your TV is turned "off," so if you don't want to use this feature, you can just ignore it).

You can, however, use the remaining features in the *Parental Controls* menu: Channel Block, Front Panel Block and Lock Parental Controls.


PARENTAL CONTROLS
1 V-Chip TV Rating Limit
2 V-Chip Movie Rating Limit
3 V-Chip Unrated Program Block
4 Channel Block
CHANNEL BLOCK
Channel # Status
59 HEADLN Block
Press ^ or v, keypad, or CH ^/v
to set channel, MENU to exit.

Channel Block

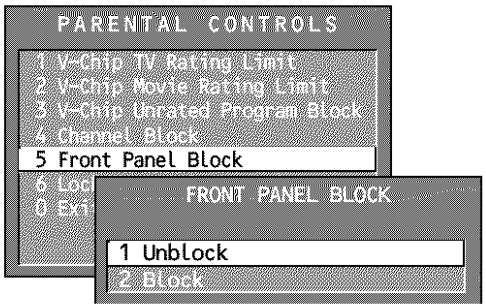
Selecting this option lets you decide what channels can be viewed.

View Makes the selected channel viewable.

Block The front panel and remote control CH (channel) buttons will tune only to channels that you have marked as *View*. The remote will still tune to the blocked channel if you use the digits to access the channel, but the channel will be blocked.

Don't forget to lock parental controls after you change the status of *Channel Block*. If you do not, the channel block will not take effect.

> ***Note:*** *If you have a digital cable box channels 126-999 can be blocked but will not be removable from your scan list.*



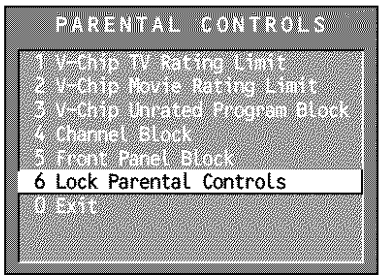
Front Panel Block

Selecting this option lets you block (disable) or unblock (enable) the TV's front panel. The remote still tunes to any channel. *Front Panel Block* can:

- Keep children from watching TV when the parent is not present.
- Keep young children from playing with the buttons.

(When using this as a Parental Control method, you should remove access to any remote that is capable of operating the television while you have the front panel blocked.)

Don't forget to lock parental controls after you change the status. If you do not, the front panel block will not take effect.



Lock/Unlock Parental Controls

Selecting this option lets you lock and unlock parental controls settings using a password.

If you do not lock parental controls, none of the settings for V-Chip, Channel Block, or Front Panel Block will take effect.

If you forget your password, simultaneously press and hold MENU on the television and volume down on the remote for 3 seconds. Nothing appears on the screen, Parental Controls simply unlock and you can re-enter a password via *Lock Parental Controls*.

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Using the TV's Menu System

Chapter Overview:

- How to Use the Different Types of Menus and Control Panels
- Audio Menu
- Picture Quality Menu
- Screen Menu
- Channel Menu
- Time Menu

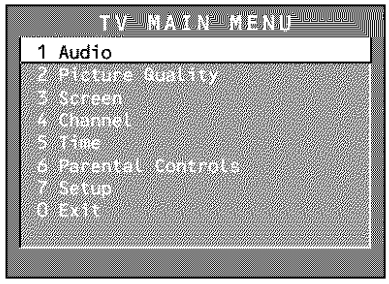
NOTE: Illustrations are for representation only. Your product and on-screen displays might differ.

Changing Entertainment. Again.

How to Use the Different Types of Menus and Control Panels

The TV's menu system has three types of screens: menus, control panels, and choice lists. You use the buttons on the remote or the front panel to access the menu system and make changes to the settings.

The following pages explain how to use the different types of menus to adjust the features of your TV.



Tip

Feel free to explore the menu system. If you're ever unsure where you are in the menu system, or you're just plain tired of exploring, press CLEAR to remove the menus from the screen and start over again.

Menus

The first menu is called the Main menu. Press MENU on the remote or on the front panel to bring up the Main menu.

Menus take you to another menu or a control panel. There are two ways to select a choice in a menu:

- Use your arrow buttons on your remote control to highlight your choice, and press OK.
- Press a number button on the remote. For example, in the Main menu press 3 to go straight to the *Screen* menu.

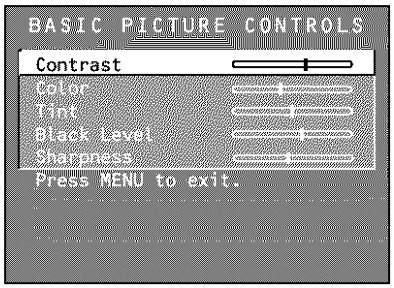
Exiting a menu

There are three ways to exit a menu:

- Highlight *Exit* and press OK.
- Press 0 on the remote.
- Press CLEAR. The on-screen displays are cleared from the screen and you return to TV viewing.

Control Panels

Control panels allow you to adjust the default settings on many features of your TV. You can choose a setting, enter a number, or adjust a level such as tint or brightness. There are three types of control panels: sliders, numeric entry and choice lists.

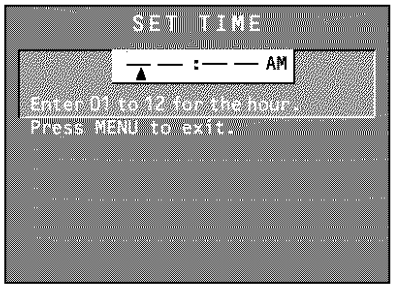


Sliders

Sliders are used to make adjustments to a particular control.

To use a Slider in a menu:

1. Press the up or down arrow button to select the slider control for the feature you want to adjust.
2. Press the right or left arrow button to adjust the indicator line on the slider.



Numeric Entry

A numeric entry control panel is used to enter numbers or letters.

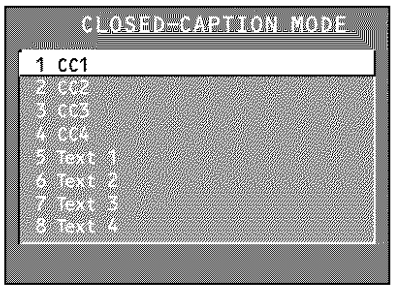
A pointer appears underneath the column you are changing.

1. Use the digits to enter a number in the column above the pointer.
2. Press the right arrow button to move to the next column, then use the digits to enter a number.
3. When you have finished entering information, press MENU or OK.

Tip

If the control panel is not set to the current time, use the arrows to go back over the columns and the digits to make changes.

You can also enter numbers by using the up and down arrows on the remote.

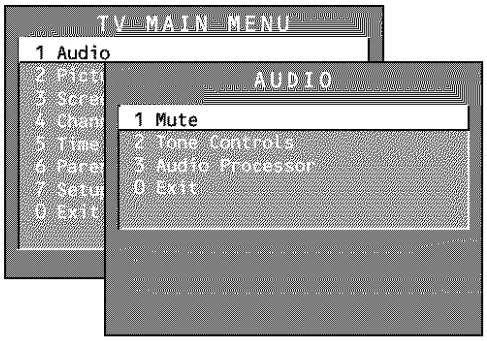


Choice Lists

Choice lists are used to choose a particular setting from a list. When the choice list appears, the highlighted item is the one that is currently selected, or "in use."

Highlight a choice on a menu and press OK to select that choice. You will then return to the previous screen.

Now that you know how to access the menus and adjust the control panels the following pages provide a brief explanation of all the menu features. The features are organized in order of their location on the Main Menu.



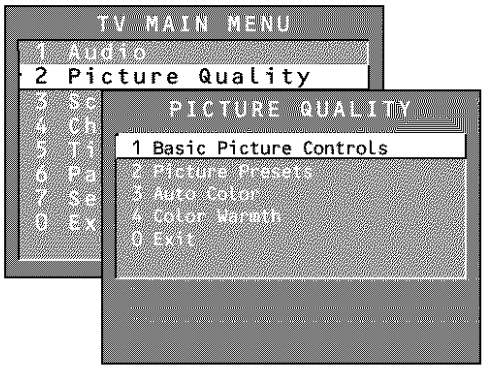
Audio Menu

Mute Press OK to reduce the TV's volume to its minimum level. Press OK again to restore the volume.

Tone Controls Displays the slider controls for adjusting the TV's treble, bass and balance.

Audio Processor Displays a choice list of available audio modes, which control the way the sound comes through your speakers. You can also access the *AUDIO PROCESSOR* menu by pressing the SOUND button on the remote.

> ***Mono*** Plays the sound in mono only. Use this setting when receiving broadcasts with weak stereo signals.
>
> ***Stereo*** Splits the incoming stereo audio signal into left and right channels. Most TV programs and recorded materials have stereo audio. The word *STEREO* appears on the TV when you tune to a program that is broadcast in stereo.
>
> ***Expanded Stereo*** Electronically "widens" sound from stereo broadcasts, stereo VCRs, digital satellite systems, DVD players, and LaserDisc players for a fuller, more spacious sound.
>
> ***Sound Logic™ Stereo*** Reduces the annoying blasts in volume during commercial breaks, and also amplifies softer sounds in program material. Eliminates the need to constantly adjust volume control.
>
> ***Second Audio Program (SAP)*** Plays the program's audio in a second language, if one is available. The word *SAP* appears on the TV when you tune to a program that is broadcast with SAP information. SAP audio is broadcast in mono. SAP is also used to broadcast a program's audio with descriptions of the video for the visually impaired.



Picture Quality Menu

Basic Picture Controls Displays the five slider controls for adjusting the way the picture looks.

Contrast Adjusts the difference between the light and dark areas of the picture.

Color Adjusts the richness of the color.

Tint Adjusts the balance between the red and green levels.

Black Level Adjusts the brightness of the picture.

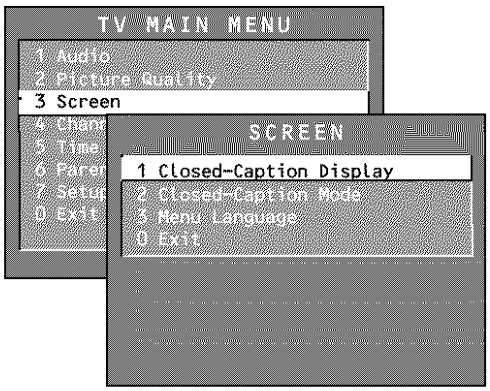
Sharpness Adjusts the crispness of the edges in the picture.

When exiting this menu, the *Save Personal Picture Preset* choice list will appear. You can choose either *Yes* or *No*. If you save the settings as a Personal Picture Preset, the TV will store the settings so you can re-select them quickly if someone changes the settings.

Picture Presets Displays a choice list that lets you select one of three preset picture settings: *Bright Lighting*, *Normal Lighting*, *Soft Lighting or Personal Picture Preset*. Choose the setting that is best for your viewing environment.

Auto Color Displays a choice list that lets you turn on the feature that automatically corrects the color of the picture. (This is especially useful for tracking realistic flesh tone colors as you switch from channel to channel.) Choose *On* or *Off*, depending on your preference.

Color Warmth Displays a choice list that lets you set one of three automatic color adjustments: *Cool* for a more blue palette of picture colors; *Normal*; and *Warm* for a more red palette of picture colors. The warm setting corresponds to the NTSC standard of 6500 K.



Screen Menu

Closed-Caption Display Displays a choice list that lets you choose the way closed captioning information is shown on the screen.

Off always No captioning information is displayed.

On always Captioning information is shown always, when available.

On when sound is muted Captioning information is shown, when available, whenever the TV's sound is muted. (To mute the sound, press the MUTE button.) The captioning information is not displayed when the sound is not muted.

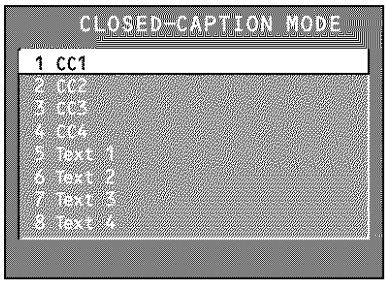
Closed-Caption Mode Displays a choice list that lets you choose which captioning mode is used for displaying captioning information.

Menu Language Displays a choice list that lets you select your preferred language for the menus: *English*, *Spanish* or *French.*

Using Closed Captioning

Many programs are encoded with closed-captioning information, which lets you display the audio portion of a program as text on the TV screen.

Closed captioning is not available on all channels at all times. Only specific programs encoded with closed-captioning information are applicable. When a program is closed captioned, the *CC* icon is displayed in the channel banner. See Chapter 2 for more information about the channel banner.



Tip

If you don't know which Closed-Caption mode to use, select CC1. CC1 is probably the mode that is used in your area. CC2, CC3, and CC4 are reserved for foreign languages, but are rarely used at this time.

Closed-Caption Modes

The TV offers eight closed-captioned modes, including four text modes.

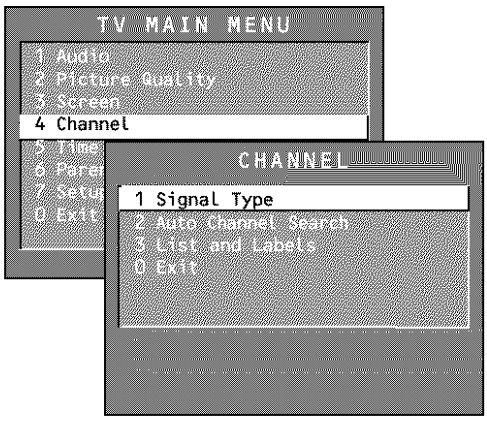
To set the *Closed-Caption Mode*:

1. Select *Screen* from the Main menu.
2. Highlight *Closed-Caption Mode* and press OK (the *Closed-Caption Mode* appears).
3. Highlight your choice and press OK (the *Screen* menu appears again).

Note: *The Text modes cover nearly half of the picture on the screen to display the closed-captioned text. Most broadcasters use the CC mode, which displays a few lines of captions at a time.*

Turning off Closed-Caption

1. Select *Screen* from the Main menu.
2. Press OK to select *Closed-Caption Display.*
3. Highlight *Off Always* and press OK. The closed captioning is turned off and you go back to the *Screen* menu.



Channel Menu

Signal Type Displays a choice list that lets you select the current antenna type.

> ***UHF/VHF Antenna*** Choose this if you are currently using an off-air antenna for TV signals.
>
> ***Cable TV*** Choose this if you are currently using cable or a cable box for TV signals.

Auto Channel Search Tells the TV to search automatically for all the channels available through the antenna input. When the TV finds an active channel, it places it in the Normal channel list; inactive channels (weak stations or channels with no signal at all) will be removed from the channel list.

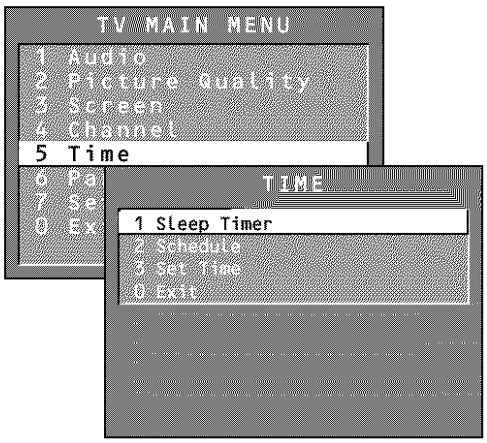
List and Labels Displays a control panel that lets you edit your Normal channel list and choose a six-character label for each channel. Follow the on-screen directions to enter your channels and other information.

> ***Channel #*** Use the up and down arrows to scroll up and down through the channels available via your antenna. You can enter the channel number directly using the number buttons.
>
> ***Normal List*** Only the channels included in the Normal list are available when you scan up and down using channel up and down. Use the up and down arrow buttons to indicate whether the channel number indicated is included (*Yes*) or is not included (*No*) in the Normal channel list.
>
> ***Channel Label*** Use the up and down arrow buttons to enter a six-character label for each channel. Hold the button down to scroll quickly through the characters. The TV can store up to 27 labels in memory.

Tip

To enter a number greater than 99, press and hold "1" to enter the hundreds digit, then press the two remaining numbers.

Time Menu



Sleep Timer Displays a control panel that lets you select the amount of time you want to give the TV before it shuts itself off.

Schedule Displays a control panel that lets you set up a schedule for turning the TV on and off automatically. Reminder: you must turn the schedule On. The on-screen directions guide you through the steps needed to set the schedule.

Set Time Displays a control panel that lets you enter the current time. The on-screen directions guide you through the steps needed to set the time.

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Other Information

Chapter Overview:

- Troubleshooting
- Care and Cleaning
- Index

Changing Entertainment. Again.

Troubleshooting

Most problems you encounter with your TV you can correct by consulting the Troubleshooting list that follows.

TV Problems

TV won't turn on

- Press the POWER button.
- Make sure the TV is plugged in.
- Check the wall receptacle (or extension cord) to make sure it is "live" by plugging in something else.
- Something might be wrong with your remote control. Press the POWER button on the front of the TV. If the TV turns on, check the remote control solutions on the next page.
- The front panel buttons may be locked (disabled). Use the remote control to unlock the front panel controls by selecting the *Front Panel Block* in the *Parental Controls* menu and choosing *Unblock*.

Buttons don't work

- The front panel buttons may be locked (disabled). Use the remote control to unlock the front panel controls by selecting the *Front Panel Block* in the *Parental Controls* menu and choosing *Unblock*.
- Unplug the TV for two minutes and then plug it back in. Turn the TV on and try again.

TV turns off while playing

- Scheduled Off function may have been activated. Go to p. 23 for instructions.
- Electronic protection circuit may have been activated because of a power surge. Wait 30 seconds and then turn the TV on again. If this happens frequently, the voltage in your house may be abnormally high or low.

TV turns on unexpectedly

- Scheduled On may have been activated. Go to p. 23 for instructions.

Blank screen

- Make sure the component connected to the TV is turned on.
- Try another channel.

No sound, picture okay

- Maybe sound is muted. Press the volume up button to restore sound.

Can't select certain channel

- Channel may be blocked or not approved in the *Parental Controls* menu.
- If using a VCR, make sure the TV/VCR button on the VCR is in the correct mode (press the TV/VCR button on your VCR).

Noisy stereo reception

- The station might be weak.

Troubleshooting

No picture, no sound but TV is on

- Maybe the cable/air setting is set to the wrong position. Select *Channel* from the Main menu, select the *Signal Type* option, and provide the correct information on the following screen. Go to pages 23 for detailed instructions.
- The channel might be empty — change channels.
- If you're watching your VCR and it's connected with coaxial cable to the CABLE/ANTENNA jack, tune the TV to channel 3 or 4 (whichever channel is selected on the 3/4 switch on the back of your VCR). Also check to make sure the TV/VCR button on the VCR is in the correct mode (press the TV/VCR button on your VCR).

Sound okay, picture poor

- Check antenna connections. Make sure all of the cables are firmly connected to the jacks.
- Try adjusting sharpness function to improve weak signals. Go to page 21 for more instructions.

Black box appears on the screen

- Closed-captioning might be on. Check the *Closed-Caption Display* control panel in the *Screen* menu. Go to page 22 for more instructions.

The Remote Control Doesn't Work

- Something might be between the remote and the remote sensor on the component. Make sure there is a clear path.
- Maybe the remote isn't aimed directly at the component (TV or VCR) that you're trying to operate.
- Maybe batteries in remote are weak, dead or installed incorrectly. Put new batteries in the remote.
- You might need to drain the remote's microprocessor: remove batteries and press the number 1 button for at least 60 seconds. Release the 1 button, replace the batteries, and (if necessary) program the remote again.

Problems with V-Chip/Parental Controls

The rating limits don't work

- You must lock the settings. Go to the *TV MAIN MENU* (press MENU on your remote), select *Parental Controls* (press 6 on your remote), select *Lock Parental Controls* (press 6 on your remote).

I don't remember my password and I want to unlock the TV

- If you forget your password, simultaneously press and hold MENU on the television and volume down on the remote for 3 seconds. Nothing appears on the screen, Parental Controls simply unlock and you can re-enter a password via *Lock Parental Controls*.

The V-Chip won't let me watch a program even though it's not rated as violent.

- Maybe the movie was given an NR (Not Rated) status. After you block movie ratings, you must set *NR* to *View* separately in order to view movies with an NR rating.

Care and Cleaning

CAUTION: Turn OFF your TV before cleaning.
You can clean the TV as required, using a soft lint-free cloth. Be sure to occasionally dust the ventilation slots in the cabinet to help assure adequate ventilation.
The TV's screen may be cleaned with a soft, lint-free cloth as well. Take care not to scratch or mar the screen. If necessary, you may use a cloth dampened with warm water.
Never use strong cleaning agents, such as ammonia-based cleaners, or abrasive powder. These types of cleaners will damage the TV.

While cleaning do not spray liquid directly on the screen, or allow liquid to run down the screen and inside the TV. Also, avoid placing drinks or vases with water on top of the TV. This could increase the risk of fire or shock hazard or damage to the TV.

Caution: If fixed (non-moving) images are left on the screen for long periods, they may be permanently imprinted on the picture tube. Such images include network logos, phone numbers, and video games. This damage is not covered by your warranty. Extended viewing of channels displaying these images should be avoided.

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